

Abstract of the Disclosure

The application of an electric current to catalysts useful for the vapor phase oxidation of hydrocarbons allows for processes for obtaining enhanced catalytic processing of a given feed material with a given catalyst, processes allowing the ready change-over from one product of a given feed stream to another product of that feed stream without the need to change catalyst, and processes allowing the ready change over from one feed stream to another feed stream with the concomitant change over from one product to another product without the need to change catalyst.